

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| 1 | 6 | (("3485869") or ("3819688")).PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/12 06:17 |
| 2 | 3443 | anhydride and (hydrogen adj peroxide) | USOCR | 2004/08/12 06:19 |
| 3 | 4773 | peracid or (peroxy adj acid) or (percarboxylic adj acid) or (peracetic adj acid) | USOCR | 2004/08/12 06:20 |
| 4 | 995 | (anhydride and (hydrogen adj peroxide)) and (peracid or (peroxy adj acid) or (percarboxylic adj acid) or (peracetic adj acid)) | USOCR | 2004/08/12 06:19 |
| 5 | 2195 | anhydride same (hydrogen adj peroxide) | USOCR | 2004/08/12 06:20 |
| 6 | 688 | ((anhydride and (hydrogen adj peroxide)) and (peracid or (peroxy adj acid) or (percarboxylic adj acid) or (peracetic adj acid))) and (anhydride same (hydrogen adj peroxide)) | USOCR | 2004/08/12 06:20 |
| 7 | 74 | peracid.ti. or (peroxy adj acid).ti. or (percarboxylic adj acid).ti. or (peracetic adj acid).ti. | USOCR | 2004/08/12 06:20 |
| 8 | 25 | ((((anhydride and (hydrogen adj peroxide)) and (peracid or (peroxy adj acid) or (percarboxylic adj acid) or (peracetic adj acid))) and (anhydride same (hydrogen adj peroxide))) and (peracid.ti. or (peroxy adj acid).ti. or (percarboxylic adj acid).ti. or (peracetic adj acid).ti.)) | USOCR | 2004/08/12 06:27 |
| 9 | 1375 | mixed adj anhydride | USOCR | 2004/08/12 06:27 |
| 10 | 1 | (((((anhydride and (hydrogen adj peroxide)) and (peracid or (peroxy adj acid) or (percarboxylic adj acid) or (peracetic adj acid))) and (anhydride same (hydrogen adj peroxide))) and (peracid.ti. or (peroxy adj acid).ti. or (percarboxylic adj acid).ti. or (peracetic adj acid).ti.)) and (mixed adj anhydride) | USOCR | 2004/08/12 06:27 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|---|------------------|
| 1 | 1935 | Willibrordus.in. or tammer.in. or vries.in. or bovenkamp-bouwman.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/12 08:38 |
| 2 | 12986 | peracid | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/12 08:38 |
| 3 | 27641 | (Willibrordus.in. or tammer.in. or vries.in. or bovenkamp-bouwman.in.) an dl2 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/12 08:38 |
| 4 | 5 | (Willibrordus.in. or tammer.in. or vries.in. or bovenkamp-bouwman.in.) and peracid | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/12 08:38 |

10/616,007

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Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204RXW

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 12 EXTEND option available in structure searching
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in Caplus
NEWS 6 May 27 Caplus super roles and document types searchable in REGISTRY
NEWS 7 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 8 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,
and WATER from CSA now available on STN(R)
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NEWS 10 Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction
with the 228th ACS National Meeting
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fields
NEWS 12 AUG 02 Caplus and CA patent records enhanced with European and Japan
Patent Office Classifications
NEWS 13 AUG 02 STN User Update to be held August 22 in conjunction with the
228th ACS National Meeting
NEWS 14 AUG 02 The Analysis Edition of STN Express with Discover!
(Version 7.01 for Windows) now available
NEWS 15 AUG 04 Pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover! will change September 1, 2004

NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 07:02:29 ON 12 AUG 2004

10/616,007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 07:02:41 ON 12 AUG 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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STRUCTURE FILE UPDATES: 11 AUG 2004 HIGHEST RN 725685-10-9

DICTIONARY FILE UPDATES: 11 AUG 2004 HIGHEST RN 725685-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

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=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Program Files\Stnexp\Queries\616007.str



chain nodes :

1 2 3 4 5 6 7 8

chain bonds :

1-2 1-3 2-4 2-6 3-5 3-7 7-8

exact/norm bonds :

1-2 1-3 2-4 3-5 3-7 7-8

exact bonds :

2-6

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS

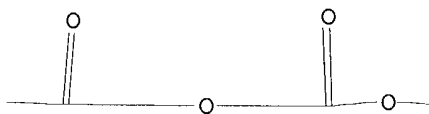
L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

10/616,007

=> d
L2 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.
L2 QUE L1

=> s l2
SAMPLE SEARCH INITIATED 07:03:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 436 TO ITERATE

100.0% PROCESSED 436 ITERATIONS 33 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 7468 TO 9972
PROJECTED ANSWERS: 316 TO 1004

L3 33 SEA SSS SAM L1

=> s l2 ful
FULL SEARCH INITIATED 07:03:28 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8520 TO ITERATE

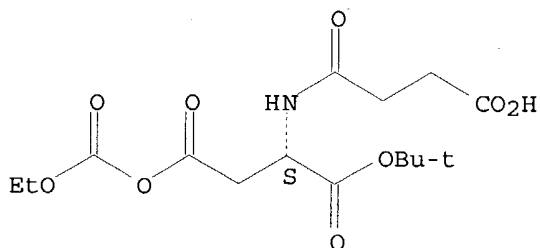
100.0% PROCESSED 8520 ITERATIONS 937 ANSWERS
SEARCH TIME: 00.00.01

L4 937 SEA SSS FUL L1

=> d scan

L4 937 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN L-Aspartic acid, N-(3-carboxy-1-oxopropyl)-, 4-anhydride with ethyl
hydrogen carbonate, 1-(1,1-dimethylethyl) ester (9CI)
MF C15 H23 N O9

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10/616,007

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l2 ful css

FULL SEARCH INITIATED 07:05:24 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 8520 TO ITERATE

100.0% PROCESSED 8520 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L5 1 SEA CSS FUL L1

=> d

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 94843-87-5 REGISTRY

CN Acetic acid, anhydride with methyl hydrogen carbonate (9CI) (CA INDEX NAME)

FS 3D CONCORD

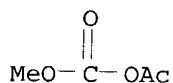
MF C4 H6 O4

LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP (Properties)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus uspatful

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

314.71

314.92

FILE 'CAPLUS' ENTERED AT 07:06:54 ON 12 AUG 2004

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FILE 'USPATFULL' ENTERED AT 07:06:54 ON 12 AUG 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l4

L6 1052 L4

=> dup rem l6

PROCESSING COMPLETED FOR L6

L7 992 DUP REM L6 (60 DUPLICATES REMOVED)

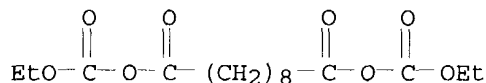
=> d 972-992 bib fhitstr

L7 ANSWER 972 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1964:476086 CAPLUS

10/616,007

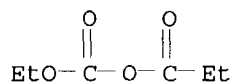
DN 61:76086
OREF 61:13185d-e
TI Proximity effects in the decomposition of mixed dicarboxylic-carbonic anhydrides
AU Windholz, Thomas B.; Clements, John B.
CS Celanese Corp. of Am., Summit, NJ
SO Journal of Organic Chemistry (1964), 29(10), 3021-3
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA Unavailable
IT 31688-44-5, Carbonic acid, ethyl ester, dianhydride with sebacic acid
(stability of)
RN 31688-44-5 CAPLUS
CN Decanedioic acid, dianhydride with ethyl hydrogen carbonate (9CI) (CA INDEX NAME)



L7 ANSWER 973 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1963:414739 CAPLUS
DN 59:14739
OREF 59:2571d-f
TI Additives for jet fuels
IN Haney, Stanley C.; Verdol, Joseph A.
PA Sinclair Research, Inc.
SO 3 pp.
DT Patent
LA Unavailable

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| US 3088815 | | 19630507 | US | 19580327 |

PI 42561-06-8, Carbonic acid, ethyl ester, anhydride with propionic acid
(as gasoline additive)
RN 42561-06-8 CAPLUS
CN Propanoic acid, anhydride with ethyl hydrogen carbonate (9CI) (CA INDEX NAME)



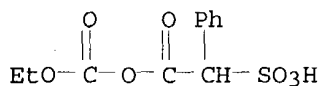
L7 ANSWER 974 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1963:428311 CAPLUS
DN 59:28311
OREF 59:5068a-f
TI Substances acting on the central nervous system. XXX. Phenylsulfoacetic acid and its derivatives
AU Nicolaus, Bruno J. R.; Bellasio, Elvio; Testa, Emilio
CS Lepetit S.A., Milan
SO Annali di Chimica (Rome, Italy) (1963), 53(1-2), 14-22
CODEN: ANCRAI; ISSN: 0003-4592
DT Journal

10/616,007

LA Unavailable
IT 41360-28-5, Acetic acid, phenylsulfo-, 1-anhydride with Et
carbonate, compound with Et₃N
(preparation of)
RN 41360-28-5 CAPLUS
CN Benzeneacetic acid, α-sulfo-, C-anhydride with ethyl hydrogen
carbonate, compd. with N,N-diethylethanamine (1:1) (9CI) (CA INDEX NAME)

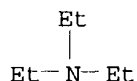
CM 1

CRN 41360-31-0
CMF C11 H12 O7 S



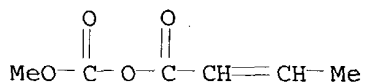
CM 2

CRN 121-44-8
CMF C6 H15 N



L7 ANSWER 975 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1963:39843 CAPLUS
DN 58:39843
OREF 58:6752h,6753a-b
TI Mixed carboxylic acid-carbonic acid monoester anhydrides
IN Boellert, Volker; Fritz, Gerhard; Schnell, Hermann
PA Farbenfabriken Bayer-A.G.
SO 12 pp.
DT Patent
LA Unavailable
PATENT NO. KIND DATE APPLICATION NO. DATE

PI DE 1133727 19620726 DE 19601108
IT 89924-68-5, Carbonic acid, methyl ester, anhydride with crotonic
acid
(preparation of)
RN 89924-68-5 CAPLUS
CN Crotonic acid, anhydride with methyl hydrogen carbonate (7CI) (CA INDEX
NAME)



L7 ANSWER 976 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1962:462557 CAPLUS
DN 57:62557

10/616,007

OREF 57:12399g-i,12400a-e

TI Total synthesis of 6-demethyl-6-deoxytetracycline

AU Conover, L. H.; Butler, K.; Johnston, J. D.; Korst, J. J.; Woodward, R. B.

CS Chas. Pfizer & Co., Inc., Groton, CT

SO Journal of the American Chemical Society (1962), 84, 3222-4

CODEN: JACSAT; ISSN: 0002-7863

DT Journal

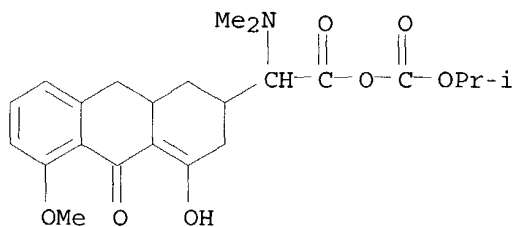
LA Unavailable

OS CASREACT 57:62557

IT 17875-87-5, Carbonic acid, isopropyl ester, anhydride with
 α -(dimethylamino)-1,2,3,9,9a,10-hexahydro-4-hydroxy-5-methoxy-10-oxo-
2-anthraceneacetic acid
(preparation of)

RN 17875-87-5 CAPLUS

CN Carbonic acid, monoanhydride with α -(dimethylamino)-
1,2 α ,3,9,9 α ,10-hexahydro-4-hydroxy-5-methoxy-10-oxo-2-
anthraceneacetic acid, isopropyl ester (8CI) (CA INDEX NAME)



L7 ANSWER 977 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1962:462708 CAPLUS

DN 57:62708

OREF 57:12459g-i,12460a-i,12461a-i

TI Derivatives of 6-aminopenicillanic acid. II. Trisubstituted acetyl
derivatives

AU Brain, E. G.; Doyle, F. P.; Hardy, K.; Long, A. A. W.; Mehta, M. D.;
Miller, D.; Nayler, J. H. C.; Soula, M. J.; Stove, E. R.; Thomas, G. R.

CS Chem. Depart., Beecham Res. Labs. Ltd., Brockham Park, Betchworth, UK

SO Journal of the Chemical Society, Abstracts (1962) 1445-53

CODEN: JCSAAZ; ISSN: 0590-9791

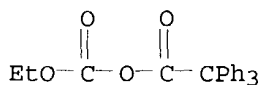
DT Journal

LA Unavailable

IT 100774-70-7, Carbonic acid, ethyl ester, anhydride with
triphenylacetic acid
(preparation of)

RN 100774-70-7 CAPLUS

CN Acetic acid, triphenyl-, anhydride with ethyl carbonate (7CI) (CA INDEX
NAME)



L7 ANSWER 978 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1962:482800 CAPLUS

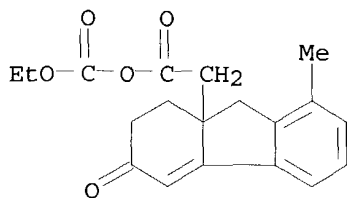
DN 57:82800

OREF 57:16430i,16431a-d

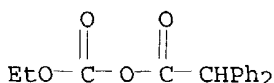
TI Synthesis of cyclopentanes by radical cyclization

10/616,007

AU Julia, Marc; Le Goffic, Francois
CS Ecole Natl. Super. Chim., Paris
SO Compt. Rend. (1962), 255, 539-40
DT Journal
LA Unavailable
OS CASREACT 57:82800
IT 106545-45-3, Fluorene-8a(6H)-acetic acid, 7,8-dihydro-1-methyl-6-oxo-, anhydride with carbonic acid, Et ester (preparation of)
RN 106545-45-3 CAPLUS
CN Fluorene-8a(6H)-acetic acid, 7,8-dihydro-1-methyl-6-oxo-, anhydride with carbonic acid, ethyl ester (7CI) (CA INDEX NAME)



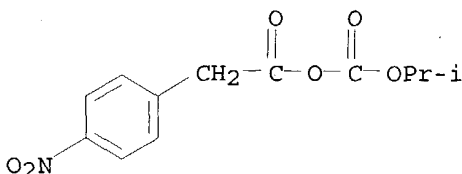
L7 ANSWER 979 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1961:137483 CAPLUS
DN 55:137483
OREF 55:25940d-i,25941a-g
TI Synthesis and anticholinergic activity of ester and amide derivatives of 2-substituted piperidines
AU Ryan, C. W.; Ainsworth, C.
CS Lilly Research Labs., Indianapolis, IN
SO Journal of Organic Chemistry (1961), 26, 1547-51
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA Unavailable
OS CASREACT 55:137483
IT 109733-86-0, Acetic acid, diphenyl-, anhydride with Et carbonate (basic esters, and other derivs.)
RN 109733-86-0 CAPLUS
CN Acetic acid, diphenyl-, anhydride with ethyl carbonate (6CI) (CA INDEX NAME)



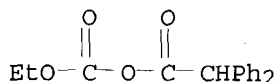
L7 ANSWER 980 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1961:13210 CAPLUS
DN 55:13210
OREF 55:2558a-i,2559a-b
TI Decomposition of mixed carboxylic carbonic anhydrides
AU Windholz, Thomas B.
CS Celanese Corp. of Am., Summit, NJ
SO Journal of Organic Chemistry (1960), 25, 1703-7
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA Unavailable
OS CASREACT 55:13210

10/616,007

IT 97065-61-7, Acetic acid, (p-nitrophenyl)-, anhydride with iso-Pr carbonate
(and other derivs.)
RN 97065-61-7 CAPLUS
CN Benzeneacetic acid, 4-nitro-, anhydride with 1-methylethyl hydrogen carbonate (9CI) (CA INDEX NAME)

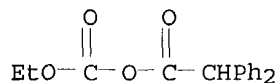


L7 ANSWER 981 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1960:39105 CAPLUS
DN 54:39105
OREF 54:7716e-i
TI N,N'-Diacyloxyalkylpiperazines with antispasmodic properties
AU Gold-Aubert, Ph.; Locher, A. M.
CS Sapos S. A., Geneva, Switz.
SO Helvetica Chimica Acta (1959), 42, 1156-9
CODEN: HCACAV; ISSN: 0018-019X
DT Journal
LA French
OS CASREACT 54:39105
IT 109733-86-0, Acetic acid, diphenyl-, anhydride with Et carbonate
(basic esters, and other derivs.)
RN 109733-86-0 CAPLUS
CN Acetic acid, diphenyl-, anhydride with ethyl carbonate (6CI) (CA INDEX NAME)



L7 ANSWER 982 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1960:17032 CAPLUS
DN 54:17032
OREF 54:3433e-h
TI New antispasmodic amine esters
AU Gold-Aubert, Ph.; Locher, A. M.; Schmidt-Ginzkey, Y.
CS Univ. Geneva, Switz.
SO Archives des Sciences (1959), 12, 101-6
CODEN: ASGVAH; ISSN: 0252-9289
DT Journal
LA Unavailable
IT 109733-86-0, Acetic acid, diphenyl-, anhydride with Et carbonate
(basic esters)
RN 109733-86-0 CAPLUS
CN Acetic acid, diphenyl-, anhydride with ethyl carbonate (6CI) (CA INDEX NAME)

10/616,007



L7 ANSWER 983 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1959:40012 CAPLUS

DN 53:40012

OREF 53:7204b-h

TI Esters of cyclic amino alcohols

IN Biel, John H.

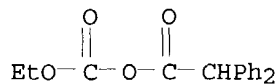
PA Lakeside Laboratories, Inc.

DT Patent

LA Unavailable

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|------|
| PI | GB 804123 | | 19581105 | GB | |
| IT | 109733-86-0, Acetic acid, diphenyl-, anhydride with Et carbonate (basic esters, and other derivs.) | | | | |
| RN | 109733-86-0 CAPLUS | | | | |
| CN | Acetic acid, diphenyl-, anhydride with ethyl carbonate (6CI) (CA INDEX NAME) | | | | |



L7 ANSWER 984 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1959:40022 CAPLUS

DN 53:40022

OREF 53:7206i,7207a-i,7208a-h

TI Diquaternary compounds

IN Coker, Geoffrey G.; Billing-Hurst, John E. W.; Phillips, Denys A. B.

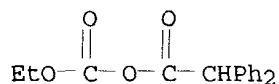
PA Wellcome Foundation Ltd.

DT Patent

LA Unavailable

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|------|
| PI | GB 800695 | | 19580903 | GB | |
| IT | 109733-86-0, Acetic acid, diphenyl-, anhydride with Et carbonate (basic esters, and other derivs.) | | | | |
| RN | 109733-86-0 CAPLUS | | | | |
| CN | Acetic acid, diphenyl-, anhydride with ethyl carbonate (6CI) (CA INDEX NAME) | | | | |



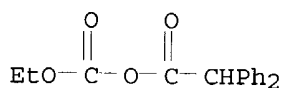
L7 ANSWER 985 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1959:56373 CAPLUS

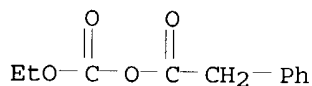
DN 53:56373

10/616,007

OREF 53:10171f-i,10172a-i,10173a-f
TI Pharmacodynamic compounds. I. Some antispasmodics derived from substituted 2-pyrrolidinylalkanols
AU Doyle, F. P.; Mehta, M. D.; Sach, G. S.; Pearson, J. L.
CS Beecham Research Labs. Ltd., Bethworth, UK
SO Journal of the Chemical Society, Abstracts (1958) 4458-66
CODEN: JCSAAZ; ISSN: 0590-9791
DT Journal
LA Unavailable
OS CASREACT 53:56373
IT 109733-86-0, Acetic acid, diphenyl-, anhydride with Et carbonate (basic esters)
RN 109733-86-0 CAPLUS
CN Acetic acid, diphenyl-, anhydride with ethyl carbonate (6CI) (CA INDEX NAME)



L7 ANSWER 986 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1959:56237 CAPLUS
DN 53:56237
OREF 53:10115g-i,10116a
TI Decomposition of mixed carboxylic carbonic anhydrides
AU Windholz, Thomas B.
CS Celanese Corp. of Am., Summit, NJ
SO Journal of Organic Chemistry (1958), 23, 2044
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA Unavailable
IT 21260-92-4, Acetic acid, phenyl-, anhydride with Et carbonate (preparation of)
RN 21260-92-4 CAPLUS
CN Carbonic acid, monoanhydride with phenylacetic acid, ethyl ester (8CI) (CA INDEX NAME)

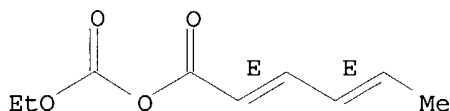


L7 ANSWER 987 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1959:17026 CAPLUS
DN 53:17026
OREF 53:3132i,3133a-e
TI Stability of mixed carboxylic-carbonic anhydrides
AU Tarbell, D. Stanley; Leister, Norman A.
CS Univ. of Rochester, Rochester, NY
SO Journal of Organic Chemistry (1958), 23, 1149-52
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA Unavailable
IT 14506-08-2, Sorbic acid, anhydride with Et carbonate (preparation of)
RN 14506-08-2 CAPLUS
CN 2,4-Hexadienoic acid, anhydride with ethyl hydrogen carbonate, (E,E)-

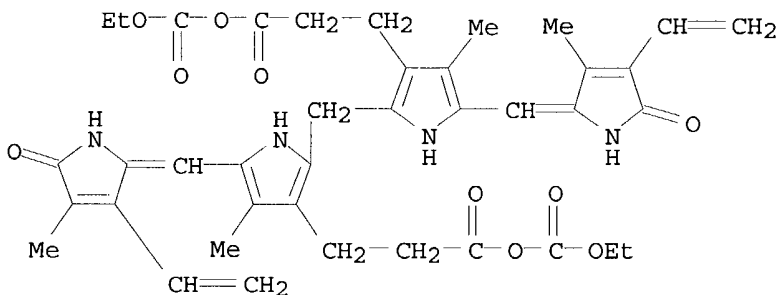
10/616,007

(9CI) (CA INDEX NAME)

Double bond geometry as shown.

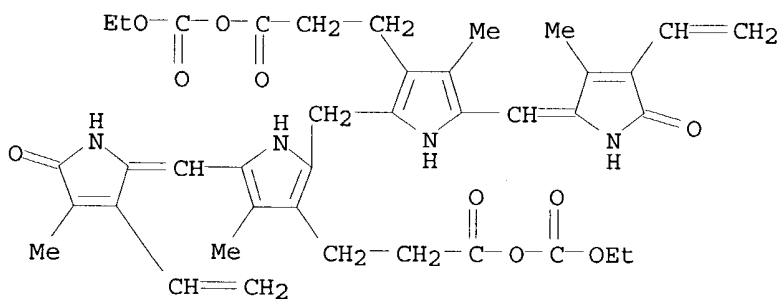


L7 ANSWER 988 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1958:88503 CAPLUS
DN 52:88503
OREF 52:15622a-c
TI New bilirubin derivatives. II. Inverted phase chromatography of azo dyes of direct bilirubins and taurobilirubin
AU Jirsa, M.; Ledvina, M.; Vecerek, B.
CS Univ. Prague
SO Hoppe-Seyler's Zeitschrift fuer Physiologische Chemie (1958), 311, 93-5
CODEN: HSZPAZ; ISSN: 0018-4888
DT Journal
LA Unavailable
IT 120297-64-5, Bilirubin, dianhydride with Et carbonate
(from bile and blood serum, preparation of)
RN 120297-64-5 CAPLUS
CN Bilirubin, dianhydride with ethyl carbonate (6CI) (CA INDEX NAME)

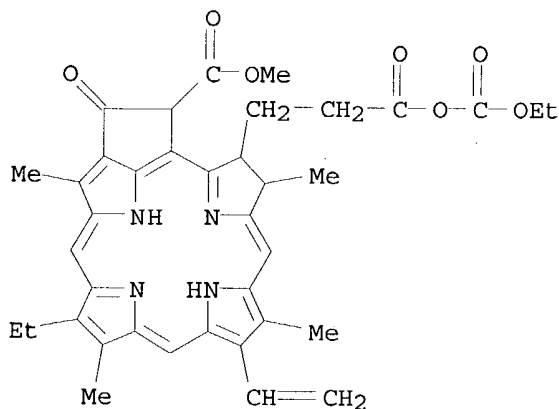


L7 ANSWER 989 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1958:88502 CAPLUS
DN 52:88502
OREF 52:15621i,15622a-b
TI New bilirubin derivatives. I. Their comparison with bilirubin from bile and serum
AU Jirsa, M.; Vecerek, B.
CS Univ. Prague
SO Hoppe-Seyler's Zeitschrift fuer Physiologische Chemie (1958), 311, 87-92
CODEN: HSZPAZ; ISSN: 0018-4888
DT Journal
LA Unavailable
IT 120297-64-5, Bilirubin, dianhydride with Et carbonate
(from bile and blood serum, preparation of)
RN 120297-64-5 CAPLUS
CN Bilirubin, dianhydride with ethyl carbonate (6CI) (CA INDEX NAME)

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L7 ANSWER 990 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1957:85676 CAPLUS
DN 51:85676
OREF 51:15495c-i,15496a-d
TI Enzyme models. XXI. Amino acids N-acetylated with porphyrincarboxylic acids and some functional derivatives of porphyrins and phorbines of the blood and leaf dye series
AU Lautsch, Willy; Gehrman, Winfried; Pasedag, Rudolf; Prater, Klaus
CS Freie Univ., Berlin-Dahlem, Germany
SO Chemische Berichte (1957), 90, 470-81
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA Unavailable
IT 125667-15-4, Pheophorbide a, anhydride with carbonic acid, Et ester
(preparation of)
RN 125667-15-4 CAPLUS
CN Pheophorbide a, anhydride with carbonic acid, ethyl ester (6CI) (CA INDEX NAME)

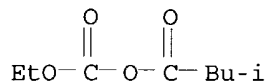


L7 ANSWER 991 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1957:90511 CAPLUS
DN 51:90511
OREF 51:16349c-i,16350a-c
TI Use of mixed carboxylic-carbonic anhydrides for acylations on carbon and oxygen
AU Tarbell, D. Stanley; Price, John A.
CS Univ. of Rochester, Rochester, NY
SO Journal of Organic Chemistry (1957), 22, 245-50

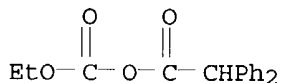
10/616,007

CODEN: JOCEAH; ISSN: 0022-3263

DT Journal
LA Unavailable
OS CASREACT 51:90511
IT 85877-55-0, Isovaleric acid, anhydride with Et H carbonate
(acylation by)
RN 85877-55-0 CAPLUS
CN Butanoic acid, 3-methyl-, anhydride with ethyl hydrogen carbonate (9CI)
(CA INDEX NAME)



L7 ANSWER 992 OF 992 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1959:122049 CAPLUS
DN 53:122049
OREF 53:21896f-i
TI Synthesis of spasmolytic aminoesters
AU Lespagnol, Albert; Cuingnet, Etienne
SO Congr. soc. pharm. France, 9e, Clermont-Ferrand (1957) 175-84
DT Journal
LA Unavailable
IT 109733-86-0, Acetic acid, diphenyl-, anhydride with Et carbonate
(basic esters)
RN 109733-86-0 CAPLUS
CN Acetic acid, diphenyl-, anhydride with ethyl carbonate (6CI) (CA INDEX
NAME)



=> file stnguide
COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 95.38 | 410.30 |

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 07:10:41 ON 12 AUG 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
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FILE 'REGISTRY' ENTERED AT 07:02:41 ON 12 AUG 2004

L1 STRUCTURE UPLOADED
L2 QUE L1
L3 33 S L2
L4 937 S L2 FUL

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L5 1 S L2 FUL CSS

FILE 'CAPLUS, USPATFULL' ENTERED AT 07:06:54 ON 12 AUG 2004

L6 1052 S L4

L7 992 DUP REM L6 (60 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 07:10:41 ON 12 AUG 2004

=> file uspatful

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.26

411.56

FILE 'USPATFULL' ENTERED AT 07:23:04 ON 12 AUG 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 10 Aug 2004 (20040810/PD)

FILE LAST UPDATED: 10 Aug 2004 (20040810/ED)

HIGHEST GRANTED PATENT NUMBER: US6775843

HIGHEST APPLICATION PUBLICATION NUMBER: US2004154066

CA INDEXING IS CURRENT THROUGH 10 Aug 2004 (20040810/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 10 Aug 2004 (20040810/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2004

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2004

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<
>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
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>>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
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>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s 14

L8 395 L4

=> d 375-395 bib fhitr

L8 ANSWER 375 OF 395 USPATFULL on STN

AN 79:32433 USPATFULL

TI 7[2(Substituted phenyl)2-(amino)acetamido]cephalosporin derivatives

IN Gottschlich, Rudolf, Darmstadt, Germany, Federal Republic of

Gericke, Rolf, Darmstadt, Germany, Federal Republic of

Juraszyk, Horst, Darmstadt, Germany, Federal Republic of

Seubert, Jurgen, Darmstadt, Germany, Federal Republic of

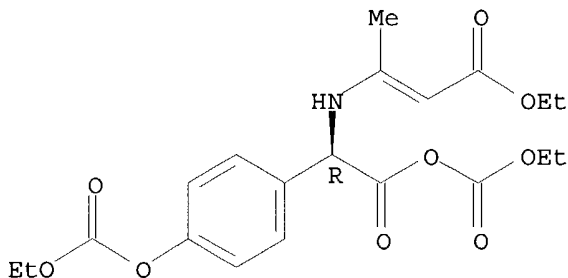
Strehlow, Wighard, Darmstadt, Germany, Federal Republic of

Wahlig, Helmut, Darmstadt, Germany, Federal Republic of

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Bergmann, Rolf, Darmstadt, Germany, Federal Republic of
Dingeldein, Elvira, Darmstadt, Germany, Federal Republic of
PA Merck Patent Gesellschaft mit beschränkter Haftung, Darmstadt, Germany,
Federal Republic of (non-U.S. corporation)
PI US 4162314 19790724
AI US 1977-806241 19770613 (5)
PRAI DE 1976-2626558 19760614
DE 1977-2712225 19770319
DT Utility
FS Granted
EXNAM Primary Examiner: Daus, Donald G.; Assistant Examiner: Wheeler, David E.
LREP Millen & White
CLMN Number of Claims: 5
ECL Exemplary Claim: 1,4,5
DRWN No Drawings
LN.CNT 1595
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 66100-75-2
(acylation of aminopenicillanic acid by)
RN 66100-75-2 USPATFULL
CN Benzeneacetic acid, 4-[(ethoxycarbonyl)oxy]- α -[(3-ethoxy-1-methyl-3-oxo-1-propenyl)amino]-, anhydride with ethyl hydrogen carbonate, (R)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



L8 ANSWER 376 OF 395 USPATFULL on STN
AN 79:21724 USPATFULL
TI 2-Lower alkyl-7-substituted-2 or 3-cephem-4-carboxylic acid compounds
and pharmaceutical compositions
IN Kamiya, Takashi, Suita, Japan
Takaya, Takao, Sakai, Japan
PA Fujisawa Pharmaceutical Co., Ltd., Osaka, Japan (non-U.S. corporation)
PI US 4152433 19790501
AI US 1977-836909 19770926 (5)
RLI Continuation-in-part of Ser. No. US 1977-808615, filed on 21 Jun 1977,
now abandoned
PRAI GB 1976-26740 19760628
GB 1977-262 19770105
DT Utility
FS Granted
EXNAM Primary Examiner: Daus, Donald G.; Assistant Examiner: Wheeler, David E.
LREP Oblon, Fisher, Spivak, McClelland & Maier
CLMN Number of Claims: 21
ECL Exemplary Claim: 1,21
DRWN No Drawings
LN.CNT 1475
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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IT 41360-28-5

(acylation of aminomethylcephemcarboxylate)

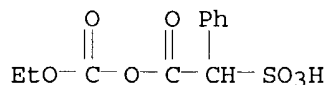
RN 41360-28-5 USPATFULL

CN Benzeneacetic acid, α -sulfo-, C-anhydride with ethyl hydrogen carbonate, compd. with N,N-diethylethanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 41360-31-0

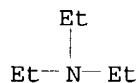
CMF C11 H12 O7 S



CM 2

CRN 121-44-8

CMF C6 H15 N



L8 ANSWER 377 OF 395 USPATFULL on STN

AN 79:14290 USPATFULL

TI Labeled 5,5-diphenylhydantoin derivatives for radioimmunoassay

IN Parsons, Jr., George H., Arlington, MA, United States

Eller, Thomas, Boston, MA, United States

PA Baxter Travenol Laboratories, Inc., Deerfield, IL, United States (U.S. corporation)

PI US 4145407 19790320

AI US 1977-835481 19770922 (5)

RLI Division of Ser. No. US 1976-673853, filed on 5 Apr 1976, now patented, Pat. No. US 4092479

DT Utility

FS Granted

EXNAM Primary Examiner: Padgett, Benjamin R.; Assistant Examiner: Nucker, Christine M.

CLMN Number of Claims: 2

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 247

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

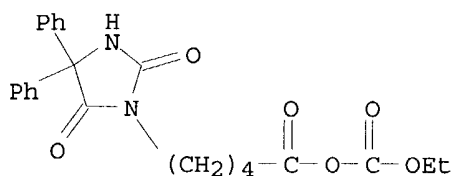
IT 67690-32-8P

(preparation and reaction of, with tyrosine)

RN 67690-32-8 USPATFULL

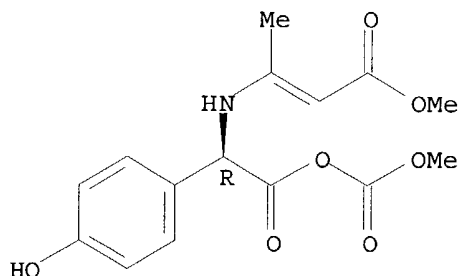
CN 1-Imidazolidinepentanoic acid, 2,5-dioxo-4,4-diphenyl-, anhydride with ethyl hydrogen carbonate (9CI) (CA INDEX NAME)

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L8 ANSWER 378 OF 395 USPATFULL on STN
AN 78:66953 USPATFULL
TI 6-(D- α -Amino-p-hydroxyphenylacetamido)-penicillanic acid
preparation
IN van der Drift, Johannes K., Delft, Netherlands
Henniger, Peter W., Leiden, Netherlands
VAN Veen, Gerard J., Pijnacker, Netherlands
PA Gist-Brocades N.V., Delft, Netherlands (non-U.S. corporation)
PI US 4128547 19781205
AI US 1977-854821 19771125 (5)
PRAI JP 1977-130694 19771031
NL 1977-9812 19770906
DT Utility
FS Granted
EXNAM Primary Examiner: Schwartz, Gerald A.
LREP Hammond & Littell
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 503
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 69416-60-0P
(preparation of, and N-phenylacetylation of aminopenicillanic acid by)
RN 69416-60-0 USPATFULL
CN Benzeneacetic acid, 4-hydroxy- α -[(3-methoxy-1-methyl-3-oxo-1-propenyl)amino]-, anhydride with methyl hydrogen carbonate, (R)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



L8 ANSWER 379 OF 395 USPATFULL on STN
AN 78:52773 USPATFULL
TI Antibacterial 3-(5-tetrazolyl) penam compounds
IN Barth, Wayne E., East Lyme, CT, United States
PA Pfizer Inc., New York, NY, United States (U.S. corporation)
PI US 4115385 19780919
AI US 1977-786952 19770412 (5)
RLI Continuation-in-part of Ser. No. US 1975-561147, filed on 24 Mar 1975,

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now abandoned which is a continuation-in-part of Ser. No. US 1974-491510, filed on 24 Jul 1974, now abandoned which is a continuation-in-part of Ser. No. US 1974-450435, filed on 12 Mar 1974, now abandoned which is a continuation-in-part of Ser. No. US 1973-407097, filed on 17 Oct 1973, now abandoned

DT Utility
FS Granted
EXNAM Primary Examiner: Schwartz, Gerald A.
LREP Connolly and Hutz
CLMN Number of Claims: 45
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 7689

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 69167-51-7

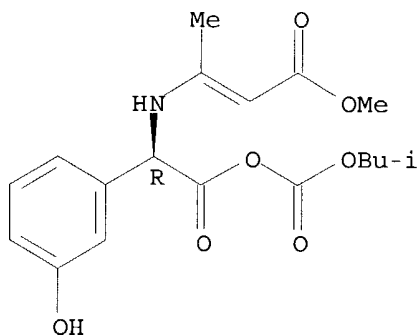
(N-acylation of aminopenam derivative by, deprotection in)

RN 69167-51-7 USPATFULL

CN Benzeneacetic acid, 3-hydroxy- α -[(3-methoxy-1-methyl-3-oxo-1-propenyl)amino]-, anhydride with 2-methylpropyl hydrogen carbonate, (R)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.



L8 ANSWER 380 OF 395 USPATFULL on STN

AN 78:51115 USPATFULL

TI 7-Amino 2-lower alkyl-2 or 3-cephem-4-carboxylic acid derivatives and processes for preparation thereof

IN Kamiya, Takashi, Suita, Japan
Teraji, Tsutomu, Toyonaka, Japan
Hashimoto, Masashi, Toyonaka, Japan
Nakaguti, Osamu, Osaka, Japan
Oku, Teruo, Kyoto, Japan

PA Fujisawa Pharmaceutical Co., Ltd., Osaka, Japan (non-U.S. corporation)

PI US 4113940 19780912

AI US 1975-640910 19751215 (5)

RLI Continuation-in-part of Ser. No. US 1974-451159, filed on 14 Mar 1974, now abandoned

PRAI JP 1973-30718 19730315

JP 1973-30719 19730315

JP 1973-30720 19730315

JP 1973-87852 19730802

JP 1973-87853 19730802

GB 1975-40677 19751003

DT Utility

FS Granted

EXNAM Primary Examiner: Daus, Donald G.; Assistant Examiner: Rivers, Diana G.

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LREP Oblon, Fisher, Spivak, McClelland & Maier

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3120

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 41360-28-5

(acylation of aminomethylcephemcarboxylate)

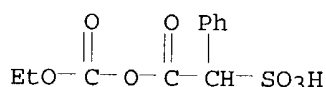
RN 41360-28-5 USPATFULL

CN Benzeneacetic acid, α -sulfo-, C-anhydride with ethyl hydrogen carbonate, compd. with N,N-diethylethanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 41360-31-0

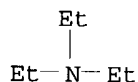
CMF C11 H12 O7 S



CM 2

CRN 121-44-8

CMF C6 H15 N



L8 ANSWER 381 OF 395 USPATFULL on STN

AN 78:40808 USPATFULL

TI Taurine and glycine derivatives

IN Gallo-Torres, Hugo, Livingston, NJ, United States

Guthrie, Robert William, Fairfield, NJ, United States

Hamilton, James Guthrie, Nutley, NJ, United States

Kierstead, Richard Wightman, North Caldwell, NJ, United States

Sullivan, Ann Clare, Cedar Grove, NJ, United States

PA Hoffmann-La Roche Inc., Nutley, NJ, United States (non-U.S. corporation)

PI US 4104285 19780801

AI US 1977-790164 19770422 (5)

DT Utility

FS Granted

EXNAM Primary Examiner: Roberts, Elbert L.

LREP Welt, Samuel L., Leon, Bernard S., Epstein, William H.

CLMN Number of Claims: 17

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 901

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

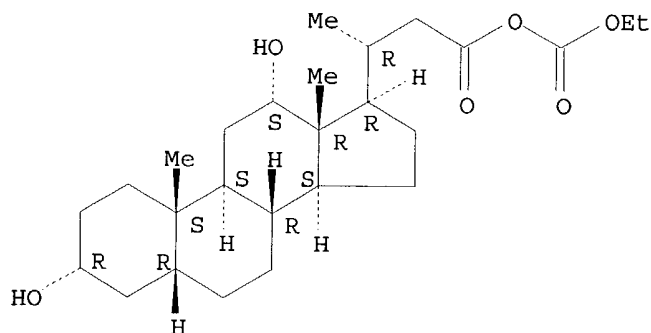
IT 70117-88-3P

(preparation and reaction of, with glycine and taurine)

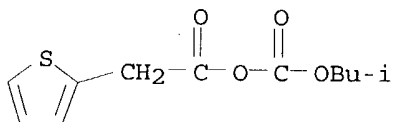
RN 70117-88-3 USPATFULL

CN 24-Norcholan-23-oic acid, 3,12-dihydroxy-, anhydride with ethyl hydrogen carbonate, (3 α ,5 β ,12 α)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



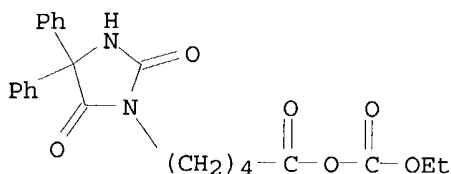
L8 ANSWER 382 OF 395 USPATFULL on STN
 AN 78:37945 USPATFULL
 TI Antibacterial hydrazono cephalosporins
 IN Yoshioka, Mitsuru, Toyonaka, Japan
 Sendo, Yuji, Nishinomiya, Japan
 Ishikura, Koji, Amagasaki, Japan
 Murakami, Masayuki, Itami, Japan
 Miyazaki, Sadao, Toyonaka, Japan
 PA Shionogi & Co., Ltd., Osaka, Japan (non-U.S. corporation)
 PI US 4101658 19780718
 AI US 1975-583696 19750604 (5)
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Rizzo, Nicholas S.
 LREP Birch, Stewart, Kolasch and Birch
 CLMN Number of Claims: 7
 ECL Exemplary Claim: 1,4
 DRWN No Drawings
 LN.CNT 1070
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 62438-22-6
 (N-acetylation of cephalosporin 7-amino 3-formyl analog by)
 RN 62438-22-6 USPATFULL
 CN 2-Thiopheneacetic acid, anhydride with 2-methylpropyl hydrogen carbonate
 (9CI) (CA INDEX NAME)



L8 ANSWER 383 OF 395 USPATFULL on STN
 AN 78:28155 USPATFULL
 TI Labeled 5,5-diphenylhydantoin derivatives for radioimmunoassay
 IN Parsons, Jr., George H., Arlington, MA, United States
 Eller, Thomas, Boston, MA, United States
 PA Baxter Travenol Laboratories, Inc., Deerfield, IL, United States (U.S. corporation)
 PI US 4092479 19780530
 AI US 1976-673853 19760405 (5)

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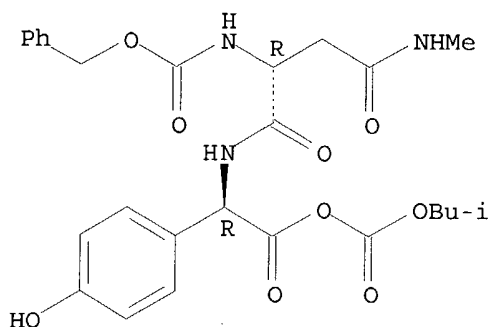
DT Utility
FS Granted
EXNAM Primary Examiner: Phillips, Delbert R.
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 227
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 67690-32-8P
(preparation and reaction of, with tyrosine)
RN 67690-32-8 USPATFULL
CN 1-Imidazolidinepentanoic acid, 2,5-dioxo-4,4-diphenyl-, anhydride with ethyl hydrogen carbonate (9CI) (CA INDEX NAME)



L8 ANSWER 384 OF 395 USPATFULL on STN
AN 77:55234 USPATFULL
TI Penicillins and processes for preparing the same
IN Kawazu, Mitsutaka, Urawa, Japan
Wagatsuma, Mitsuyoshi, Urawa, Japan
Seto, Masahiko, Asaka, Japan
Miyagishima, Toshikazu, Wako, Japan
Yamaguchi, Totaro, Yono, Japan
Ohshima, Satoshi, Iwatsuki, Japan
PA Tanabe Seiyaku Co., Ltd., Osaka, Japan (non-U.S. corporation)
PI US 4053609 19771011
AI US 1976-711858 19760805 (5)
PRAI GB 1975-37525 19750912
JP 1975-157873 19751227
JP 1975-157874 19751227
JP 1975-157920 19751229
DT Utility
FS Granted
EXNAM Primary Examiner: Schwartz, Gerald A.
LREP Bierman & Bierman
CLMN Number of Claims: 43
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1806
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 63340-98-7P
(preparation and reaction of, with penicillin G benzyl ester)
RN 63340-98-7 USPATFULL
CN Glycine, D-2-(4-hydroxyphenyl)-N-[N-methyl-N2-[(phenylmethoxy)carbonyl]-D-asparaginyl]-, anhydride with 2-methylpropyl hydrogen carbonate (9CI)
(CA INDEX NAME)

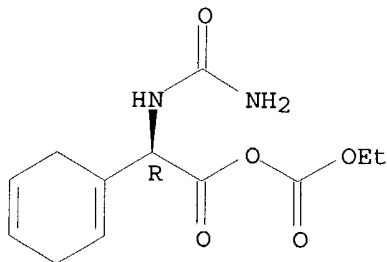
Absolute stereochemistry.

10/616,007



L8 ANSWER 385 OF 395 USPATFULL on STN
AN 76:59728 USPATFULL
TI 7-Methoxy cyclonexadienylureidocephalosporins
IN Dolfini, Joseph Edward, Princeton, NJ, United States
PA E. R. Squibb & Sons, Inc., Princeton, NJ, United States (U.S. corporation)
PI US 3989693 19761102
AI US 1973-356641 19730502 (5)
DCD 19931102
DT Utility
FS Granted
EXNAM Primary Examiner: Coughlan, Jr., Paul M.
LREP Levinson, Lawrence S., Smith, Merle J., Davis, Stephen B.
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 466
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 54856-01-8
(reaction of, with cephemcarboxylic acid derivative)
RN 54856-01-8 USPATFULL
CN 1,4-Cyclohexadiene-1-acetic acid, α -[(aminocarbonyl)amino]-, anhydride with ethyl hydrogen carbonate, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L8 ANSWER 386 OF 395 USPATFULL on STN
AN 76:59723 USPATFULL
TI Process for producing 6-amino penicillanic acid derivatives
IN Mazzacca, Alfred J., Rutherford, NJ, United States
PA Biocraft Laboratories, Inc., Elmwood Park, NJ, United States (U.S. corporation)
PI US 3989688 19761102

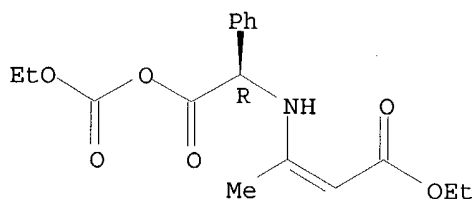
10/616,007

AI US 1974-516740 19741021 (5)
DT Utility
FS Granted
EXNAM Primary Examiner: Schwartz, Gerald A.
LREP Lane, Aitken, Dunner & Ziems
CLMN Number of Claims: 4
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 171
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 61656-07-3P

(purification of, and reaction with aminopenicillanic acid)

RN 61656-07-3 USPATFULL
CN Benzeneacetic acid, α -[(3-ethoxy-1-methyl-3-oxo-1-propenyl)amino]-, anhydride with ethyl hydrogen carbonate, (R)- (9CI) (CA INDEX NAME)

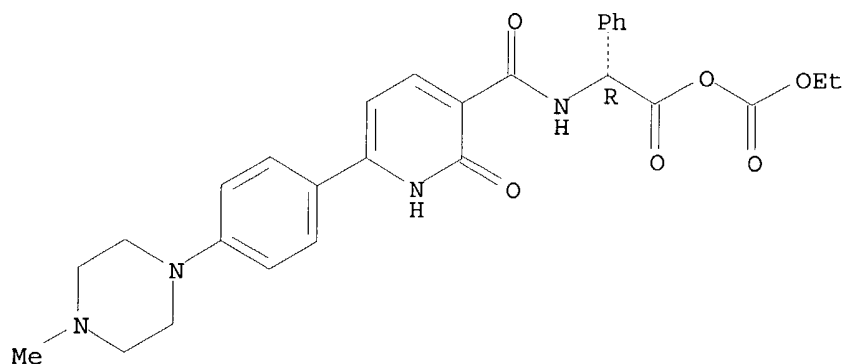
Absolute stereochemistry.
Double bond geometry unknown.



L8 ANSWER 387 OF 395 USPATFULL on STN
AN 76:24585 USPATFULL
TI Novel antibacterial amide compounds and process means for producing the same
IN Doub, Leonard, Ann Arbor, MI, United States
Kaltenbronn, James S., Ann Arbor, MI, United States
Schweiss, Dieter, Ann Arbor, MI, United States
PA Parke, Davis & Company, Joseph Campau at the River, United States (U.S. corporation)
PI US 3954734 19760504
AI US 1974-534031 19741223 (5)
RLI Continuation-in-part of Ser. No. US 1974-434763, filed on 21 Jan 1974, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Schwartz, Gerald A.
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 60283-13-8P
(preparation and acylation by, of silylated penicillins)
RN 60283-13-8 USPATFULL
CN Benzeneacetic acid, α -[[[1,2-dihydro-6-[4-(4-methyl-1-piperazinyl)phenyl]-2-oxo-3-pyridinyl]carbonyl]amino]-, anhydride with ethyl hydrogen carbonate, (R)- (9CI) (CA INDEX NAME)

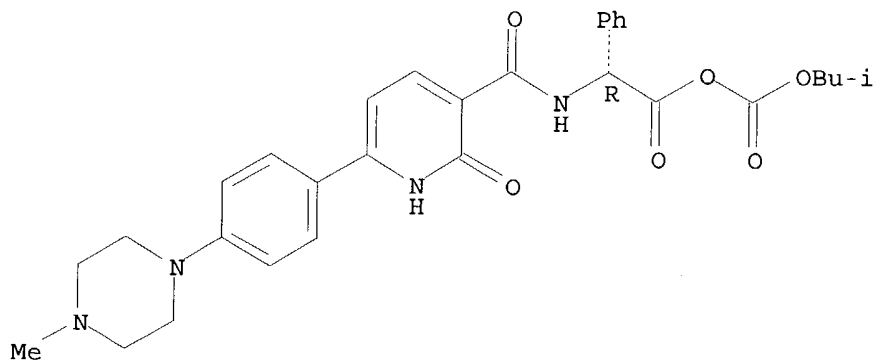
Absolute stereochemistry.

10/616,007



L8 ANSWER 388 OF 395 USPATFULL on STN
AN 76:21815 USPATFULL
TI Trialkylsilyl esters of 6(substituted amino)phenyl-1,-dihydro-2-oxonicotinic acid, methods for their production and conversion to the corresponding acid chlorides
IN Goel, Om P., Detroit, MI, United States
PA Parke, Davis & Company, Jospeh Campau at the River, United States (U.S. corporation)
PI US 3951982 19760420
AI US 1974-526017 19741121 (5)
DT Utility
FS Granted
EXNAM Primary Examiner: Gallagher, R. J.; Assistant Examiner: Tovar, Jose
CLMN Number of Claims: 7
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 639
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 60531-95-5P
(preparation and reaction with trimethylsilyl aminopenicillanate)
RN 60531-95-5 USPATFULL
CN Benzeneacetic acid, α -[[[1,2-dihydro-6-[4-(4-methyl-1-piperazinyl)phenyl]-2-oxo-3-pyridinyl]carbonyl]amino]-, anhydride with 2-methylpropyl hydrogen carbonate, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

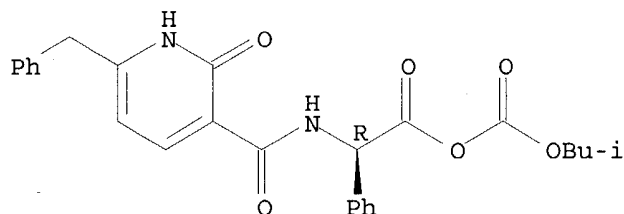


L8 ANSWER 389 OF 395 USPATFULL on STN
AN 76:18714 USPATFULL

10/616,007

TI Substituted N-(1,2-dihydro-2-oxonicotinyl)-cephalexins and
-cephaloglycins
IN Doub, Leonard, Ann Arbor, MI, United States
Kaltenbronn, James S., Ann Arbor, MI, United States
PA Parke, Davis & Company, Detroit, MI, United States (U.S. corporation)
PI US 3948903 19760406
AI US 1974-522569 19741111 (5)
RLI Continuation-in-part of Ser. No. US 1972-315632, filed on 15 Dec 1972,
now patented, Pat. No. US 3873523
DT Utility
FS Granted
EXNAM Primary Examiner: Rollins, Alton D.; Assistant Examiner: Rivers, Diana
G.
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1095
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 56304-91-7P
(preparation and reaction with aminopenicillanic acid trimethylsilyl ester)
RN 56304-91-7 USPATFULL
CN Benzeneacetic acid, α -[[[1,2-dihydro-2-oxo-6-(phenylmethyl)-3-
pyridinyl]carbonyl]amino]-, anhydride with 2-methylpropyl hydrogen
carbonate, (R)- (9CI) (CA INDEX NAME)

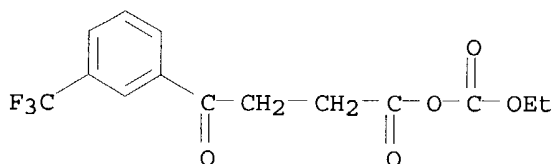
Absolute stereochemistry.



L8 ANSWER 390 OF 395 USPATFULL on STN
AN 76:17263 USPATFULL
TI 5-Hydroxy-5-substituted phenyl-pyrrolidones and piperidinones
IN Houlihan, William J., Mountain Lakes, NJ, United States
PA Sandoz, Inc., E. Hanover, NJ, United States (U.S. corporation)
PI US 3947460 19760330
AI US 1974-495861 19740808 (5)
RLI Continuation-in-part of Ser. No. US 1974-483552, filed on 27 Jun 1974,
now abandoned which is a continuation-in-part of Ser. No. US
1974-468377, filed on 9 May 1974, now abandoned which is a
continuation-in-part of Ser. No. US 1973-417374, filed on 19 Nov 1973,
now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Daus, Donald G.; Assistant Examiner: Berch, Mark L.
LREP Sharkin, Gerald D., Honor, Robert S.
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 341
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 59618-43-8P
(preparation and reaction of, with methylamine)
RN 59618-43-8 USPATFULL

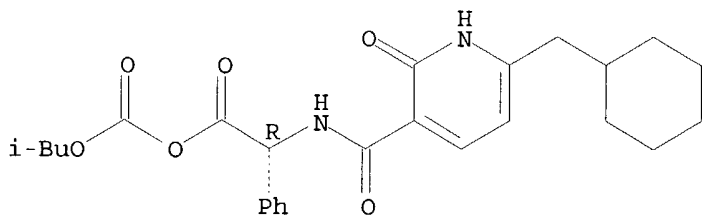
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CN Benzenebutanoic acid, γ -oxo-3-(trifluoromethyl)-, anhydride with ethyl hydrogen carbonate (9CI) (CA INDEX NAME)



L8 ANSWER 391 OF 395 USPATFULL on STN
AN 75:15242 USPATFULL
TI Derivatives of ampicillin
IN Doub, Leonard, Ann Arbor, MI, United States
Kaltenbronn, James S., Ann Arbor, MI, United States
PA Parke, Davis & Company, Detroit, MI, United States (U.S. corporation)
PI US 3873523 19750325
AI US 1972-315632 19721215 (5)
DT Utility
FS Granted
EXNAM Primary Examiner: Rizzo, Nicholas S.
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 979
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 56304-93-9
(reaction with 6-aminopenicillanic acid trimethylsilyl ester)
RN 56304-93-9 USPATFULL
CN Benzeneacetic acid, α -[[[6-(cyclohexylmethyl)-1,2-dihydro-2-oxo-3-pyridinyl]carbonyl]amino]-, anhydride with 2-methylpropyl hydrogen carbonate, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L8 ANSWER 392 OF 395 USPATFULL on STN
AN 75:12435 USPATFULL
TI Phosphono substituted alkylcephalosporins
IN Hamanaka, Ernest S., Groton, CT, United States
PA Pfizer Inc., New York, NY, United States (U.S. corporation)
PI US 3870713 19750311
AI US 1970-95918 19701207 (5)
DCD 19910806
DT Utility
FS Granted
EXNAM Primary Examiner: Rizzo, Nicholas S.
LREP Connolly and Hutz
CLMN Number of Claims: 12

10/616,007

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1496

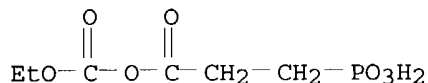
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 41384-45-6

(acylation of aminocephalosporanates by)

RN 41384-45-6 USPATFULL

CN Propanoic acid, 3-phosphono-, 1-anhydride with ethyl hydrogen carbonate
(9CI) (CA INDEX NAME)



L8 ANSWER 393 OF 395 USPATFULL on STN

AN 73:8727 USPATFULL

TI CARBONIC CARBOXYLIC ANHYDRIDES

IN Tesoro, Giuliana C., 278 Clinton Avenue, Dobbs Ferry, NY, United States
10522

PI US 3718675 19730227

AI US 1970-57887 19700618 (5)

RLI Division of Ser. No. US 1967-653632, filed on 17 Jul 1967, now patented,
Pat. No. US 3575960

DT Utility

FS Granted

EXNAM Primary Examiner: Gotts, Lewis; Assistant Examiner: Rivers, Diana G.

LREP Kenyon & Kenyon Reilly Carr & Chapin, Cohn; J. Bradley

CLMN Number of Claims: 2

DRWN No Drawings

LN.CNT 804

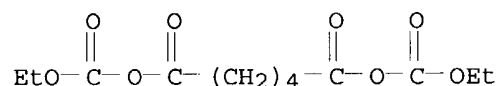
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 6668-00-4

(in creaseproofing of cotton textiles)

RN 6668-00-4 USPATFULL

CN Hexanedioic acid, dianhydride with ethyl hydrogen carbonate (9CI) (CA
INDEX NAME)



L8 ANSWER 394 OF 395 USPATFULL on STN

AN 72:51296 USPATFULL

TI ANTHRACYCLIDINE-ACETIC ACID DERIVATIVES

IN Conover, Lloyd H., Quaker Hill, CT, United States

Woodward, Robert B., Belmont, MA, United States

PA Pfizer Inc., United States (U.S. corporation)

PI US 3697552 19721010

AI US 1969-873077 19691031 (4)

RLI Division of Ser. No. US 1966-569052, filed on 1 Aug 1966, now patented,
Pat. No. US 3509184 which is a continuation-in-part of Ser. No. US
1969-209269, filed on 11 Jul 1969, now abandoned which is a
continuation-in-part of Ser. No. US 1961-132304, filed on 18 Aug 1961,
now abandoned

DT Utility

FS Granted

10/616,007

EXNAM Primary Examiner: Weinberger, Lorraine A.; Assistant Examiner: Skelly,
E. Jane

LREP Connolly and Hutz

CLMN Number of Claims: 11

DRWN No Drawings

LN.CNT 3970

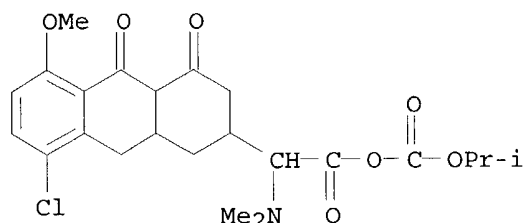
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 39694-51-4P

(preparation of)

RN 39694-51-4 USPATFULL

CN 2-Anthraceneacetic acid, 8-chloro- α -(dimethylamino)-
1,2,3,4,4a,9,9a,10-octahydro-5-methoxy-4,10-dioxo-, anhydride with
1-methylethyl hydrogen carbonate, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L8 ANSWER 395 OF 395 USPATFULL on STN

AN 71:43928 USPATFULL

TI 5 β -TAUROCHOLENIC ACIDS AND 5 β -TAUROCHOLADIENIC ACIDS IN
COMPOSITIONS FOR REDUCING THE CONCENTRATION OF CHOLESTEROL AND LIADS IN
BLOOD SERUM

IN Patchett, Arthur A., Cranford, NJ, United States

Hannah, John, Matawan, NJ, United States

PA Merck & Co., Inc., Rahway, NJ, United States

PI US 3622669 19711123

AI US 1967-677080 19671023 (4)

DT Utility

FS Granted

EXNAM Primary Examiner: Friedman, Stanley J.

LREP Molasky; Joseph W., Behan; J. Jerome, Wolk; I. Louis

CLMN Number of Claims: 2

DRWN No Drawings

LN.CNT 782

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 23961-38-8P

(preparation of)

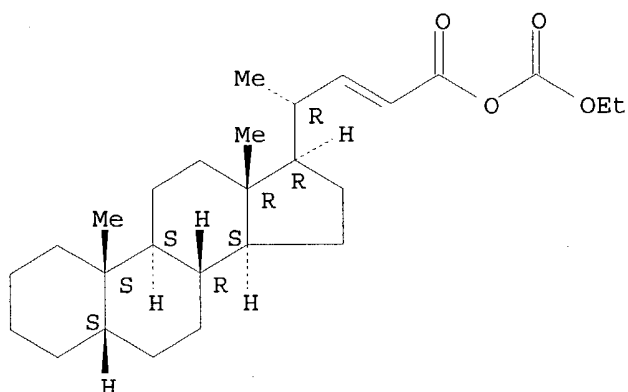
RN 23961-38-8 USPATFULL

CN Carbonic acid, monoanhydride with 5 β -chol-22-en-24-oic acid, ethyl
ester (8CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.

10/616,007



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FILE 'REGISTRY' ENTERED AT 07:02:41 ON 12 AUG 2004

L1 STRUCTURE UPLOADED

L2 QUE L1

L3 33 S L2

L4 937 S L2 FUL

L5 1 S L2 FUL CSS

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L6 1052 S L4

L7 992 DUP REM L6 (60 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 07:10:41 ON 12 AUG 2004

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L8 395 S L4

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FULL ESTIMATED COST

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